Certificate No: LR2230694REP
Issue Date: 28/03/2022
Expiry Date: 27/03/2025

Repair Certificate

Manufacturer	**Dalian Van Der Horst Marine Engineering Co., Ltd.**
Address	No. 11 Haicheng Street, Dalian Development Zone, Dalian, 116600, China
Approval	Chromium Plating
Scope of Approval	**Chromium Electroplating (Plating) of machinery components including piston crowns.**
Applicability	**Chromium electroplating (plating) of machinery components including piston crowns for the following purposes:-** **Wear resistance as part of the initial design submitted for approval.** **The rectification of dimensional errors in new components.** **The reclamation of certain wasted or worn components.** **Previous repair approval reference No. 060.**
Limitations	**This approval is subject to the following conditions:-** **Electroplating is not used for making good a deficiency in strength.**

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APPROVED

Clive Arnold

Lead Metallurgist: Metallurgical Assurance to Lloyd's Register EMEA
A member of the Lloyd's Register group

71 Fenchurch Street, London, EC3M 4BS, United Kingdom

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The Owners agreement, except for applications included in the initial design approval.

Each application for electroplated crankshafts to be approved by Lloyd's Register Global Technology Centre, Southampton, United Kingdom, on a case by case basis.

Electroplating must be undertaken by trained operators to the Surveyors satisfaction.

This certificate is issued to the above manufacturer and is valid until the specified expiry date.

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